

Pharm.D. Pre-Requisite Course Requirements*

DESIGNATED COURSES AT NORTHERN ILLINOIS UNIVERSITY **Rev. 6/01/09**

- Biology:** Biology 208-210 and 209-211 (Fundamentals of Biology I - Fundamentals of Biology I Lab, and Fundamentals of Biology II - Fundamentals of Biology II Lab). **A one-semester general biology survey course, and anatomy, physiology, and microbiology, do not count toward this requirement.**
- Chemistry:** Chemistry 210-212 and 211-213 (General Chemistry I - General Chemistry Lab I, and General Chemistry II - General Chemistry Lab II) **AND** 330-331 and 332 (General Organic Chemistry I-II and General Organic Lab) **or** 336-337 and 338 (Organic Chemistry I-II and Organic Chemistry Lab I)
- Calculus:** Math 229 (Calculus I), **but see the Important Information About Calculus link at <http://www.pharmacy.wisc.edu/admissions/pharmd/calculus.cfm>**
- Physics:** Physics 210-211 (General Physics I-II) or 253-273 (Fundamentals of Physics I: Mechanics - Fundamentals of Physics II: Electromagnetism)
- Microbiology:** Biology 313 (Microbiology) **(beginning Fall 2011)**
- Communication:** English 104 (Rhetoric & Composition II) **or** 105 (Rhetoric & Composition), **or** a score of at least 4 on the AP English: Language & Composition exam, **or** a score of at least 4 on the AP English: Literature & Composition exam
- Economics:** Economics 260 (Principles of Microeconomics)
- Statistics:** Statistics- most 3 credit statistics courses will satisfy **(beginning Fall 2011)**
- Social Science:** Sociology 170 (Introduction to Sociology), or Anthropology 120 (Anthropology & Human Diversity) or 220 (Introduction to Cultural Anthropology) [*Anthropology 220 counts also as ethnic studies*]
- Behavioral Science:** Psychology 102 (Introduction to Psychology) or 372 (Social Psychology)
- Ethnic Studies:
(Diversity Studies)** 3 credits (*may count also as social science [above], or history or humanities [below], if the course qualifies as such*)
- Additional course work:** A total of at least 62 transfer credits by the time of enrollment in the School of Pharmacy. **(68 transfer credits for Fall 2011 Admission)**

* **Pre-Pharm.D. students** may wish to include in their preparatory course work, if there is time/space, some of the non-professional curriculum **graduation** requirements: **2 credits of any kind of history, 3 credits of humanities electives**, and sufficient free-choice electives. Non-professional curriculum **graduation** requirements that are not completed prior to enrollment in the School of Pharmacy must be completed prior to graduation of the Pharm.D. program.

NOTE: Credit by exam will be granted **only in accordance with UW-Madison policies**. If students have been granted credit by another college or university for College Board Advanced Placement ([AP exams](#)), College Level Examination Program ([CLEP exams](#)), or International Baccalaureate ([IB exams](#)), it is imperative that they be aware of the UW-Madison credit policies. This applies also to [retroactive foreign language credits](#). Students should **not** assume that these types of credits that may have been granted by another college or university will be accepted by UW-Madison.

NOTE: Pharm.D. applicants must take the Pharmacy College Admission Test (PCAT). International students and U.S. permanent residents whose native language is not English and who are applying for admission to the Pharm.D. program must submit scores from the Test of English as a Foreign Language (TOEFL). To be considered for admission, individuals must earn a score of at least 100 on the internet-based TOEFL (IBT).